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(54) Title: MHC CLASS II HAPLOTYPE SPECIFIC IMMUNODOMINANCY OF PEPTIDES DERIVED FROM RSV FUSION (F) AND ATTACHEMENT (G) PROTEINS

(57) Abstract: The present invention relates immunodominant peptides derived from human respiratory syncytial virus (H-RSV) that may be used in *ex vivo* diagnosis of immune responses to H-RSV. The immunodominant peptides are derived from the H-RSV Fusion (F) and Attachment (G) proteins and are capable of inducing an antigen specific CD4⁺ T cell response *ex vivo* in a MHC class 11 haplotype restricted manner. The immunodominant H-RSV-derived peptides may further be used in methods for vaccination against H-RSV, preferably in a MHC class 11 haplotype specific manner.